

+ Accessible Mathematics: 10 Instructional Shifts That Raise Student Achievement

1. Incorporate cumulative review every day

2. Move beyond one right answer to incorporate higher-order thinking

3. Build number sense

4. Have students draw, describe, model, and visualize mathematics

5. Incorporate math vocabulary through language-rich discussions

6. Explore graphs, charts, and tables in depth

7. Increase the use of measurement

8. Minimize math topics that are no longer important

9. Provide realistic problems and real-world contexts

10. Make “Why?” “How do you know?” “Can you explain?” classroom mantras

- Is there a different answer?
- Can you justify that?
- Can you draw that?
- Is that a reasonable answer?
- What does that word mean?
- How else can you display the data?
- How big/heavy/long/wide is that?
- Where does this math come up in real life?